

FIG. 1

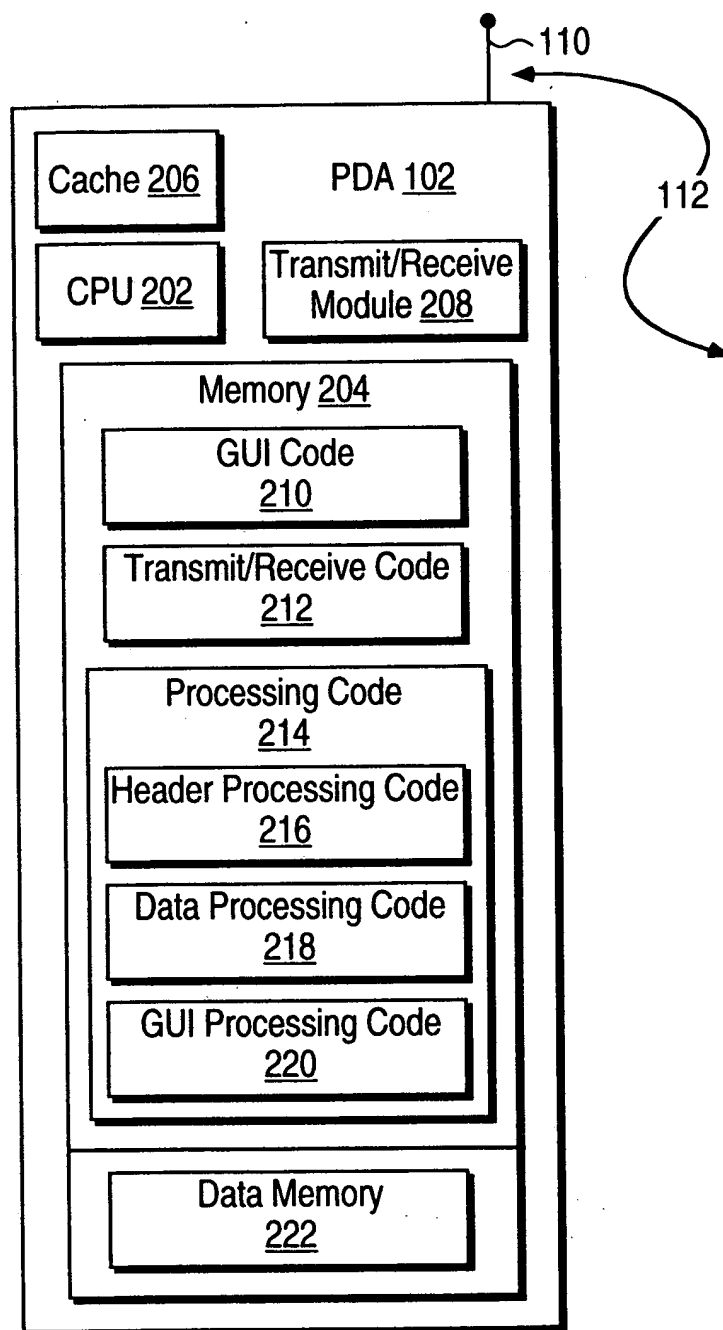


FIG. 2

FIG. 3

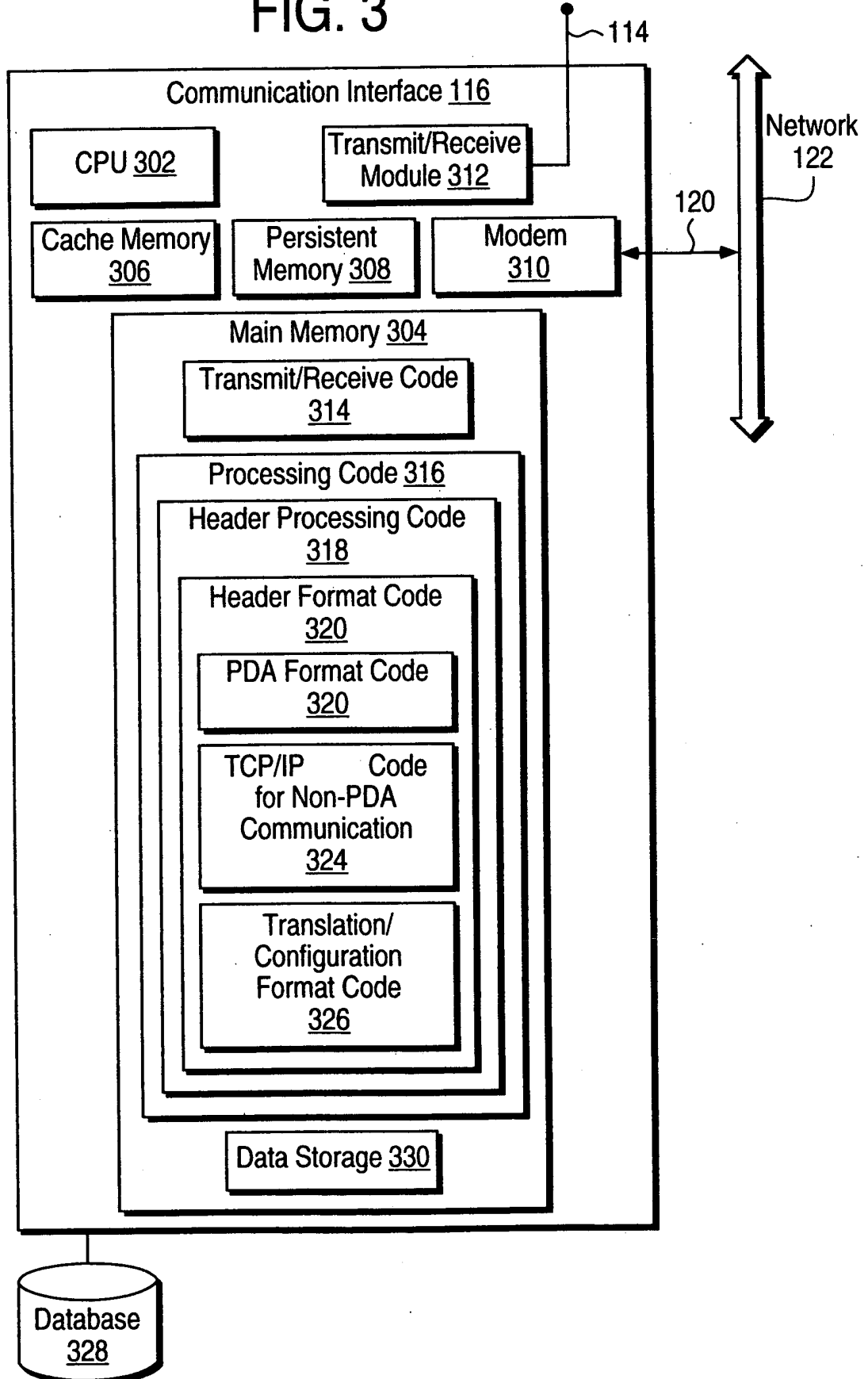
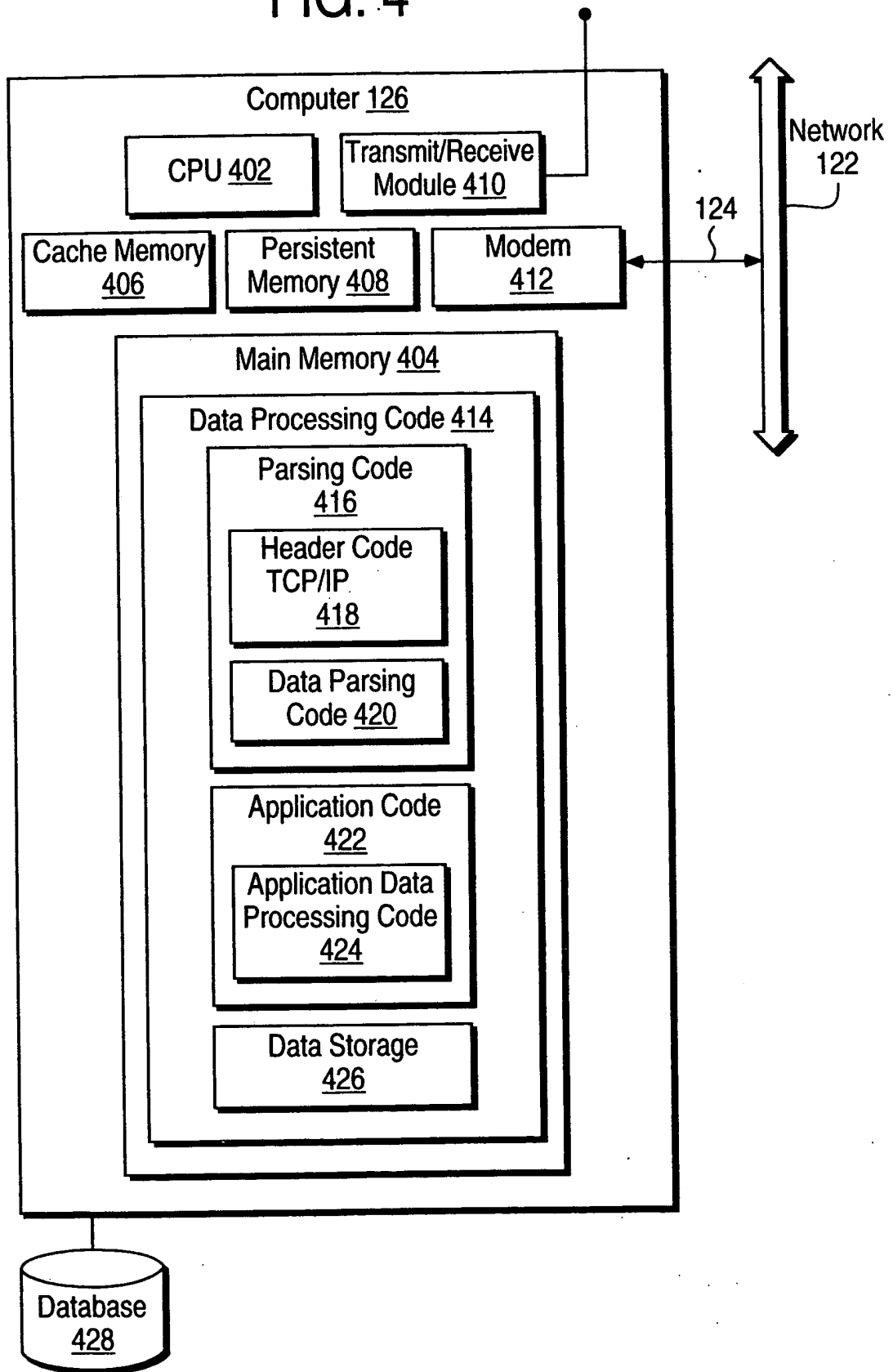


FIG. 4



Prior Art Packet 500

PPP Header 4 bytes
502

TCP Header 20 bytes
(4 bytes if compressed)
504

IP Header 20 bytes
506

Data 1460 bytes
(1476 if TCP Header compressed)
(1760 if PPP encoding used)
508

FIG. 5

Simplified Packet
According to Invention 500

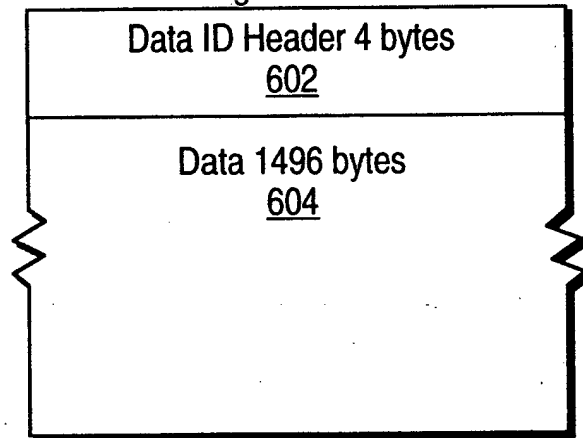


FIG. 6

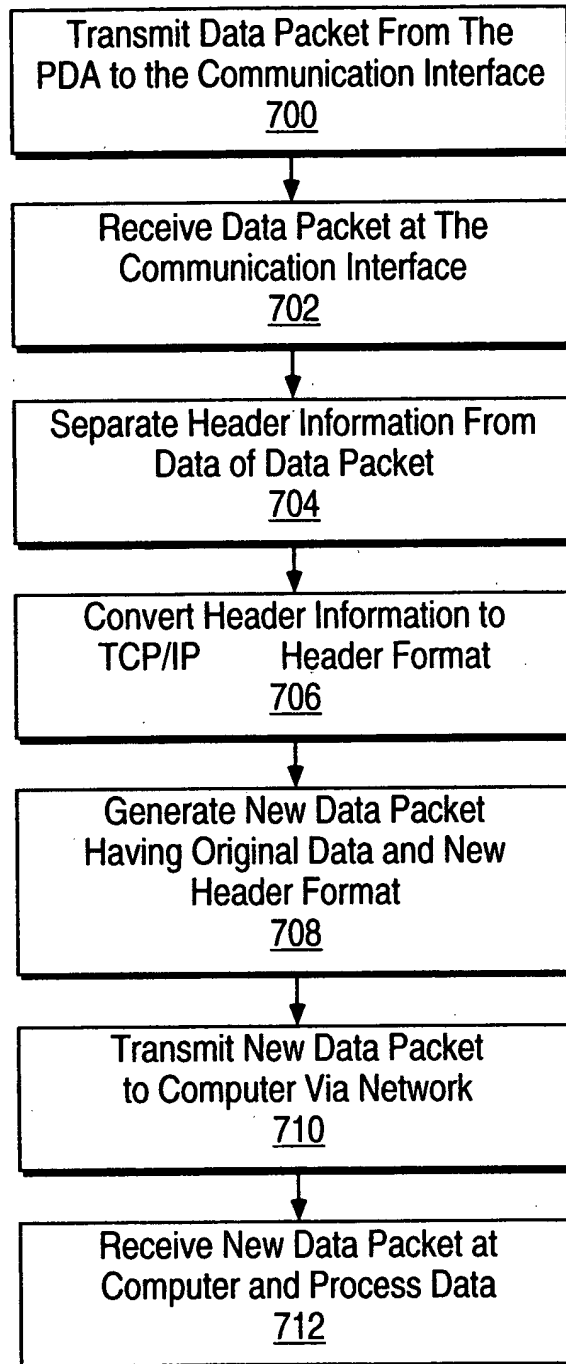


FIG. 7

Transmit Processed Data From Computer
to Communications Having a Header in
TCP/IP Format Interface Via Network
800

Receive Data Packet at the
Communications Interface
802

Separate Header Information From
Data of Data Packet
804

Convert Header Information From
TCP/IP Format to Simplified
Header Format
806

Generate New Data Packet Having
Original Data and Simplified Header Format
808

Transmit New Data Packet to PDA
810

Receive and Process the Data
Packet in the PDA
812

FIG. 8